L Number	Hits	Search Text	DB	Time stamp
1	1	("6720290").PN.	USPAT;	2004/08/23
			US-PGPUB	13:32
2	32	("4453596"   "4480696"   "4544037"	USPAT	2004/08/23
	· 	"4554082"   "4591447"   "4627495"		13:31
		"4756367"   "4796702"   "4883122"		
		"4913237"   "4993491"   "4995463"	i	
	i	"5014788"   "5048328"   "5147111"		
		"5229017"   "5360558"   "5390741"		}
		"5402847"   "5417286"   "5419396"		}
		"5424285"   "5470823"   "5494108"		
		"5501279"   "5566760"   "5575335"		
		"5669444"   "5711376"   "5769165"		
		"5853224"   "5865248"		
		"2003/0008781").PN.		
3	0	6720290.URPN.	USPAT	2004/08/23
				13:31
4	841	fractur\$3 SAME coal	USPAT;	2004/08/23
			US-PGPUB	13:33
5	20	(("4453596"   "4480696"   "4544037"	USPAT:	2004/08/23
		"4554082"   "4591447"   "4627495"	US-PGPUB	13:32
1		"4756367"   "4796702"   "4883122"		10.02
		"4913237"   "4993491"   "4995463"		
		"5014788"   "5048328"   "5147111"		: :
		"5229017"   "5360558"   "5390741"		
		"5402847"   "5417286"   "5419396"		
		"5424285"   "5470823"   "5494108"		
		"5501279"   "5566760"   "5575335"		
		"5669444"   "5711376"   "5769165"		
		"5853224"   "5865248"		
		"2003/0008781").PN.) and (fractur\$3 SAME	İ	
		coal)		
6	1044	fractur\$3 SAME coal	USPAT;	2004/08/23
	10	Tracture Coal	US-PGPUB;	14:23
			EPO; JPO;	14:23
			DERWENT;	
7	29902	(surfactant\$ or surface ADJ active ADJ	IBM_TDB	2004/00/20
'	29902	agent\$1) SAME (amphoteric or zwitterionic)	USPAT;	2004/08/23
		agents 1) SAME (amphoteric or zwitterionic)	US-PGPUB;	13:54
			EPO; JPO;	
			DERWENT;	
8	28599		IBM_TDB	2004/20/20
•	20399	(surfactant\$ or surface ADJ active ADJ	USPAT;	2004/08/23
		agent\$1) WITH (amphoteric or zwitterionic)	US-PGPUB;	14:23
			EPO; JPO;	
			DERWENT;	
	25		IBM_TDB	
9	3657	amino\$1propionic ADJ acid\$1 or	USPAT;	2004/08/23
		aminopropionate\$1 or	US-PGPUB;	14:22
		coco\$1aminopropionate\$1	EPO; JPO;	
			DERWENT;	
1			IBM_TDB	[

10	492786	foam\$3	USPAT;	2004/08/23
			US-PGPUB;	13:41
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
13	3	(fractur\$3 SAME coal) and ((surfactant\$ or	USPAT:	2004/08/23
13		surface ADJ active ADJ agent\$1) SAME		13:42
			US-PGPUB;	13:42
		(amphoteric or zwitterionic)) and	EPO; JPO;	
		(amino\$1propionic ADJ acid\$1 or	DERWENT;	
		aminopropionate\$1 or	IBM_TDB	
		coco\$1aminopropionate\$1)		A_B
14	3	(fractur\$3 SAME coal) and ((surfactant\$ or	USPAT;	2004/08/23
		surface ADJ active ADJ agent\$1) WITH	US-PGPUB;	13:42
		(amphoteric or zwitterionic)) and	EPO; JPO;	
		(amino\$1propionic ADJ acid\$1 or	DERWENT;	
		aminopropionate\$1 or	IBM_TDB	
		coco\$1aminopropionate\$1)	_	
15	3	(fractur\$3 SAME coal) and ((surfactant\$ or	USPAT;	2004/08/23
		surface ADJ active ADJ agent\$1) SAME	US-PGPUB;	13:43
		(amphoteric or zwitterionic)) and	EPO; JPO;	
		(amino\$1propionic ADJ acid\$1 or	DERWENT;	
		aminopropionate\$1 or	IBM_TDB	
	<b></b>	coco\$1aminopropionate\$1) and foam\$3	IBM_IDB	
16	3		HCDAT.	0004/00/00
10	3	(fractur\$3 SAME coal) and ((surfactant\$ or	USPAT;	2004/08/23
	İ	surface ADJ active ADJ agent\$1) WITH	US-PGPUB;	13:43
		(amphoteric or zwitterionic)) and	EPO; JPO;	
		(amino\$1propionic ADJ acid\$1 or	DERWENT;	
		aminopropionate\$1 or	IBM_TDB	
		coco\$1aminopropionate\$1) and foam\$3		
12	23	(fractur\$3 SAME coal) and ((surfactant\$ or	USPAT;	2004/08/23
		surface ADJ active ADJ agent\$1) WITH	US-PGPUB;	13:43
		(amphoteric or zwitterionic))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
17	2	(("6468945") or ("6410489")).PN.	USPAT	2004/08/23
				13:54
18	0	("17and(7or8)").PN.	USPAT	2004/08/23
				13:53
19	77	17and (7or8)	USPAT	2004/08/23
				13:54
20	15977	17and (7or ((surfactant\$ or surface ADJ	USPAT	2004/08/23
_•		active ADJ agent\$1) WITH (amphoteric or	JOHA!	13:54
		zwitterionic)))		15.57
22	29902	((surfactant\$ or surface ADJ active ADJ	HEDAT-	2004/00/22
~~	29902		USPAT;	2004/08/23
		agent\$1) SAME (amphoteric or zwitterionic))	US-PGPUB;	13:55
		or ((surfactant\$ or surface ADJ active ADJ	EPO; JPO;	
		agent\$1) WITH (amphoteric or	DERWENT;	
		zwitterionic))	IBM_TDB	<u></u>

23	0	((("6468945") or ("6410489")).PN.) and (	USPAT;	2004/08/23
		((surfactant\$ or surface ADJ active ADJ	US-PGPUB;	13:56
		agent\$1) SAME (amphoteric or zwitterionic))	EPO; JPO;	
		or ((surfactant\$ or surface ADJ active ADJ	DERWENT;	
		agent\$1) WITH (amphoteric or	IBM_TDB	
		zwitterionic)))		
24	1	(("4453596"   "4480696"   "4544037"	USPAT;	2004/08/23
		"4554082"   "4591447"   "4627495"	US-PGPUB;	13:57
		"4756367"   "4796702"   "4883122"	EPO; JPO;	
		"4913237"   "4993491"   "4995463"	DERWENT;	
		"5014788"   "5048328"   "5147111"	IBM_TDB	İ
		"5229017"   "5360558"   "5390741"		
		"5402847"   "5417286"   "5419396"		
		"5424285"   "5470823"   "5494108"		
		"5501279"   "5566760"   "5575335"		
		"5669444"   "5711376"   "5769165"		
		"5853224"   "5865248"		
		"2003/0008781").PN.) and (fractur\$3 SAME		
		coal) and ( ((surfactant\$ or surface ADJ		
		active ADJ agent\$1) SAME (amphoteric or		
		zwitterionic)) or ((surfactant\$ or surface		
		ADJ active ADJ agent\$1) WITH		
		(amphoteric or zwitterionic)))		
21	2	(("6468945") or ("6410489")).PN.	USPAT	2004/08/23
21	-	(( 0400343 ) 01 ( 0410403 )).PM.	USPAI	14:14
25	0	(fractur\$3 SAME coal) and ((("6468945") or	USPAT	2004/08/23
23	•	("6410489")).PN.)	USPAI	14:14
11	23	, , , ,	HCDAT.	2004/08/23
••	23	(fractur\$3 SAME coal) and ((surfactant\$ or	USPAT;	
		surface ADJ active ADJ agent\$1) SAME	US-PGPUB;	14:14
		(amphoteric or zwitterionic))	EPO; JPO;	
			DERWENT;	
20	450		IBM_TDB	0004/00/00
26	458	amino\$1propionic ADJ acid\$1 or	USOCR	2004/08/23
		aminopropionate\$1 or		14:22
<b></b>		coco\$1aminopropionate\$1		
27	537	fractur\$3 SAME coal	USOCR	2004/08/23
				14:23
28	457	(surfactant\$ or surface ADJ active ADJ	USOCR	2004/08/23
		agent\$1) WITH (amphoteric or zwitterionic)		14:23
29	0	(fractur\$3 SAME coal) and ((surfactant\$ or	USOCR	2004/08/23
		surface ADJ active ADJ agent\$1) WITH		14:23
		(amphoteric or zwitterionic))		
30	0	(fractur\$3 SAME coal) and	USOCR	2004/08/23
		(amino\$1propionic ADJ acid\$1 or		14:23
		aminopropionate\$1 or		
		coco\$1aminopropionate\$1)	1	